ABSTRACT

Engineering

AN INDEX DATABASED ALARM AND MONITORING SYSTEM

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An indexed database alarm monitor, for assigning each unit of a multiple unit system a labeled index of pre-selected designations, and or descriptions of use by voice-playback and reporting, by voice-playback of first detecting units designation and or description of use by each unit in the system. Being comprised of the following components, a fire sensor, an alarm IC with piezo horn and detection I/O, a multiple position encoder, a 8-bit dip switch, a radio frequency decoder transmitter and receiver encoder with antenna switch and antenna, a voice-playback device with speaker and a microcontroller all housed within one unit. A complete system being comprised of a plurality of said units, equal to the number of positions on the multiple position encoder, each unit multiple position encoders position being different and generating a different index.